FORM MUST BE TYPED

SIDE ONE 15-185-30198-0001

COPY

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 185-010580000

County Stafford

C - SE - SE - NW Sec. 33 Twp. 22 Rge. 12 E X W

Operator: License # 5228 CONFIDENTIAL

2970 Feet from (S)/N (circle one) Line of Section

2970 Feet from (E)/W (circle one) Line of Section

Name: Parrish Corporation

Address 110 S. Main, Suite #510

Wichita, KS 67207

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

City/State/Zip Wichita, KS 67202

Lease Name Spangenberg "OWWO" Well # 1

Purchaser: Texaco

Field Name Hudson

Operator Contact Person: Jeffrey A. Burk

Producing Formation Lansing/Kansas City & Conglomerate

Phone (316) 683-6602 RELEASED

Elevation: Ground 1841 KB 1850

Contractor: Name: Sterling Drilling

Total Depth 3762 PBTD 3716

License: 5142 MAR 23 1998

Amount of Surface Pipe [redacted] at 238 Feet

Wellsite Geologist: Jeffrey A. Burk FROM CONFIDENTIAL

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

Designate Type of Completion
____ New Well X Re-Entry ____ Workover

If Alternate II completion, cement circulated from ____

feet depth to ____ w/ ____ sx cmt.

X Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan REENTRY JT 4-4-97
(Data must be collected from the Reserve Pit)

If Workover:

Operator: LEO J. WETHERILL, JR NOV 6

Well Name: SPANGENBERG #1 CONF

Comp. Date 4/29/65 Old Total Depth 3700'

Chloride content 21,000 ppm Fluid volume 70 bbls

Dewatering method used Vacuum Truck Hauled Water

Location of fluid disposal if hauled offsite:

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBTD

Operator Name Ellinwood Tank Service, Inc.

____ Commingled Docket No. ____

Lease Name Siefkes SWD License No. 4297

____ Dual Completion Docket No. ____

____ Other (SWD or Inj?) Docket No. ____

____ Quarter Sec. 13 Twp. 22 S Rng. 12 E(W)

7/18/96 7/21/96 8/8/96
Date OF REENTRY Date Reached TD Completion Date

County Stafford Docket No. KCC CD #78345

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 ths). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS T BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [signature]

Title AGENT/GEOLOGIST Date 11/05/96

Subscribed and sworn to before me this 7 day of November, 19 96.

N ry Public Abigail A. White

Date Commission Expires 1-5-99

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ____ Geologist Report Received

Distribution
____ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

Form ACO-1 (7-91)

ABIGAIL A. WHITE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-5-99

COPY FOR YOUR INFORMATION

SIDE TWO

Operator Name Parrish Corporation Lease Name Spangenberg Well # 1

Sec. 33 Twp. 22 Rge. 12 ☐ East ☒ West County Stafford

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra shee if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run: Dual Induction
Radiation Guard
Compensated Neutron-
Density
Cement Bond

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Heebner Shale	3149	-1299
Brown Lime	3281	-1431
Lansing/K.C.	3304	-1454
Base/KC Lime	3531	-1681
1st Conglomerate	3614	-1764
2nd Conglomerate	3628	-1778
Arbuckle	3694	-1844

RELEASED
MAR 23 1998
FROM CONFIDENTIAL

CASING RECORD ☐ New ☒ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Production	7 7/8"	5 1/2"	15.5#	3758 KB	60/40 poz	125	10% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3640-44,3628-32,3614-21	3000 gal. 15% MCAF	3614-44
4	3500-04	1250 gal. 15% NE	3500-04
4	3438-44,3457-62,3471-74	2750 gal. 15% NE	3438-74

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3715	none	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
8/27/96	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3		6		

Disposition of Gas: METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled 3614-44
3438-3504

☐ Other (Specify)

COPY FOR YOUR INFORMATION

Computer Inventoried

PARRISH CORPORATION
Edna Spangenberg No. 1
Completion

33-22S-12W

Edna Spangenberg No. 1
SE SE NW Sec. 33-22S-12W
Stafford County, Kansas
15-185-01058
15-185-30198-0001

COMPLETION

Washed well down to old TD
Drilled to 3760
Set 5 1/2" Casing at 3758 with 125 sx
DST Straddle 3613 - 3700
Recovered 790 Ft. gas, 590 ft. Muddy oil.
Times 30-45-60-45
IFP 89-114 FFP 163 - 264
ISIP 668 FSIP 538
Perforated
3640 - 44
3628 - 32
3614 - 21
Acid 3250 gal.
Swab tested
POP
Pumped 3 bbl oi and 10 water